

In re Patent Application of
Stephen E. Frazier
Serial No. 09/923,764
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D1
64. A process of making activated carbon having an enhanced capacity for adsorbing dissolved chlorine, comprising:

contacting the activated carbon with an aqueous solution having up to about 10% by weight of an enhancer comprising potassium iodide; and
drying the activated carbon by a first heating at a temperature of less than approximately 130° C, followed by a second heating at a temperature of approximately at least 130° C.

D2
76. A process of making activated carbon having an enhanced capacity for adsorbing chlorine in potable water, comprising:

contacting the activated carbon with a solution having up to about 10% by weight of an enhancer selected from potassium iodide, ammonium carbonate, ammonium sulfate, and combinations thereof;
drying the activated carbon at a temperature of less than approximately 130° C until visibly dry; and
enhancing the activity of the activated carbon by heating at a temperature of approximately at least 130° C for a time sufficient for producing enhanced activation.

Remarks

Applicant greatly appreciates the Examiner's thorough review of the application and respectfully submits these amendments and remarks in support of the patentability of the claims.